# P2 Series Variable Frequency Drive Datasheet

Model: P2-22010-1HF42-T

**1 HP (0.75 kW), 4.3 A, 200-240 V, 1-3PH**
**IP20 Variable Frequency Drive with EMC Filter and TFT Display**

## Input Ratings

| | |
|---|---|
| Supply Voltage | 200-240 V |
| Input Phases | 1 |
| Supply Current Continuous | 8.5 A |
| Supply Fuse or MCB (Type B) | 10 A |

## Output Ratings

| | |
|---|---|
| Motor Output Rating | 1 HP (0.75 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 4.3 A |

## Cable Information

| | |
|---|---|
| Max Supply Cable Size | 8 AWG (8 mm²) |
| Max Motor Cable Size | 8 AWG (8 mm²) |
| Max Motor Cable Length | 328 ft (100 m) |

## Factory Build Options

| | |
|---|---|
| EMC Filter | Internal EMC |
| Brake Transistor | Internal |
| Minimum Brake Resistance | 100 Ω |
| Enclosure | IP20 |
| Display | TFT Display |
| PCB Coating | Standard |
| Communication Protocols | ModbusRTU, CANopen, and more* |

## Drive Dimensions

| | |
|---|---|
| Size | 2 |
| Height | 8.7 in (221mm) |
| Width | 4.33 in (110mm) |
| Depth | 7.28 in (185 mm) |
| Weight | 3.97 lbs (1.8 kg) |
| Fixings | 4 x M4 |

## Packaged Dimensions

| | |
|---|---|
| Height | 10.43 in (265mm) |
| Width | 5.71 in (145mm) |
| Depth | 9.06 in (230mm) |
| Weight | 4.19 lbs (1.9 kg) |

Drive color depicted doesn't reflect actual drive color
Black Outershell - RAL Name: Jet Black | RAL Number: 9005 | Hex Code #0A0A0A
Gray Door - RAL Name: Traffic White | RAL Number: 9016 | Hex Code #F6F6F6



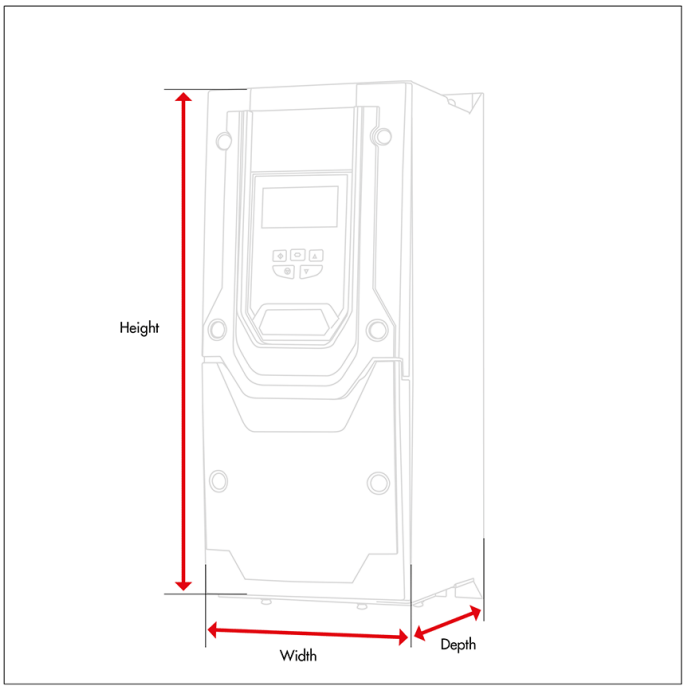

**Bardac Drives** 40 Log Canoe Circle, Stevensville, MD 21666 USA
Phone (410) 604-3400 Fax (410) 604-3500 www.bardac.com AutomationThings.com

## Environmental Ratings

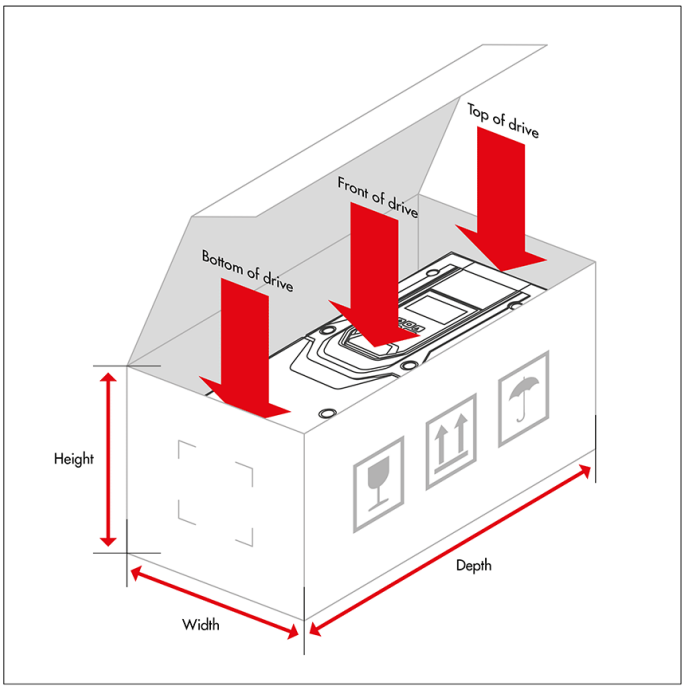
| | |
|---|---|
| Temperature | 14 - 122°F (-10 - 50°C) |
| Altitude | <= 1000m<br>With Derating: <= 4000m |

* Consult factory for additional communication options.

## How we measure our drives and packaging




Drive Dimensions




Package Dimensions